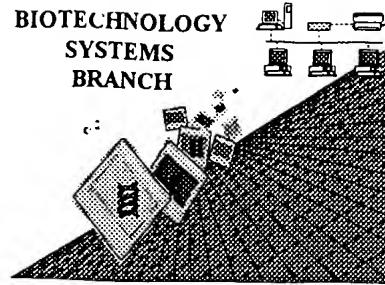


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/775,743  
Source: OIPE  
Date Processed by STIC: 5/30/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.  
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001

TIME: 15:29:11

Input Set : A:\Supratek.app  
Output Set: C:\CRF3\05302001\I775743.rawDoes Not Comply  
Corrected Diskette Needed3 <110> APPLICANT: Supratek Pharma, Inc.  
5 <120> TITLE OF INVENTION: Vascular Endothelial Growth/Factor Receptor7 <130> FILE REFERENCE: 082181-36154  
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/775,743C--> 10 <141> CURRENT FILING DATE: 2001-05-18  
12 <150> PRIOR APPLICATION NUMBER: 60/180,568

13 &lt;151&gt; PRIOR FILING DATE: 2000-02-04

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 13

17 &lt;170&gt; SOFTWARE: PatentIn Ver. 2.0

19 &lt;210&gt; SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 16

21 &lt;212&gt; TYPE: PRT

22 &lt;213&gt; ORGANISM: Artificial Sequence

24 &lt;220&gt; FEATURE:

25 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
26 chemical peptide synthesis and biosynthetic  
27 including use of E. coli

29 &lt;400&gt; SEQUENCE: 1

30 Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met Tyr

31 1 5 10 15

34 &lt;210&gt; SEQ ID NO: 2

35 &lt;211&gt; LENGTH: 17

36 &lt;212&gt; TYPE: PRT

37 &lt;213&gt; ORGANISM: Artificial Sequence

39 &lt;220&gt; FEATURE:

40 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
41 chemical peptide synthesis and biosynthetic  
42 including use of E. coli

44 &lt;400&gt; SEQUENCE: 2

45 Cys Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met

46 1 5 10 15

48 Tyr

52 &lt;210&gt; SEQ ID NO: 3

53 &lt;211&gt; LENGTH: 18

54 &lt;212&gt; TYPE: PRT

55 &lt;213&gt; ORGANISM: Artificial Sequence

57 &lt;220&gt; FEATURE:

58 &lt;221&gt; NAME/KEY: SITE

59 &lt;222&gt; LOCATION: (1)

60 &lt;223&gt; OTHER INFORMATION: Xaa = acetyl

62 &lt;220&gt; FEATURE:

63 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
64 chemical peptide synthesis and biosynthetic  
65 including use of E. coli

67 &lt;400&gt; SEQUENCE: 3

68 Xaa Cys Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly

69 1 5 10 15

Xaa can only represent a single amino acid, nothing else

W--&gt; 68 Xaa Cys Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001  
TIME: 15:29:11Input Set : A:\Supratek.app  
Output Set: C:\CRF3\05302001\I775743.raw

71 Met Tyr  
 75 <210> SEQ ID NO: 4  
 76 <211> LENGTH: 17  
 77 <212> TYPE: PRT  
 78 <213> ORGANISM: Artificial Sequence  
 80 <220> FEATURE:  
 81 <221> NAME/KEY: SITE  
 82 <222> LOCATION: (1)  
 83 <223> OTHER INFORMATION: Xaa = fluorescein-5-carbonyl  
 85 <220> FEATURE:  
 86 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 87 chemical peptide synthesis and biosynthetic  
 88 including use of E. coli

Xaa can only represent  
a single  
amino  
acid

90 <400> SEQUENCE: 4  
 W--> 91 Xaa Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met  
 92 1 5 10 15  
 94 Tyr

98 <210> SEQ ID NO: 5  
 99 <211> LENGTH: 20  
 100 <212> TYPE: PRT  
 101 <213> ORGANISM: Artificial Sequence  
 103 <220> FEATURE:  
 104 <221> NAME/KEY: SITE  
 105 <222> LOCATION: (1)  
 106 <223> OTHER INFORMATION: Xaa = fluorescein-5-carbonyl  
 108 <220> FEATURE:  
 109 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 110 chemical peptide synthesis and biosynthetic  
 111 including use of E. coli

113 <400> SEQUENCE: 5  
 W--> 114 Xaa Glu Glu Glu Asn Gly Tyr Glu Ile Glu Trp Tyr Ser Trp Val Thr  
 115 1 5 10 15  
 117 His Gly Met Tyr  
 118 20

121 <210> SEQ ID NO: 6  
 122 <211> LENGTH: 16  
 123 <212> TYPE: PRT  
 124 <213> ORGANISM: Artificial Sequence  
 126 <220> FEATURE:  
 127 <221> NAME/KEY: SITE  
 128 <222> LOCATION: (1)  
 129 <223> OTHER INFORMATION: Xaa = fluorescein-5-carbonyl  
 131 <220> FEATURE:  
 132 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 133 chemical peptide synthesis and biosynthetic  
 134 including use of E. coli

136 <400> SEQUENCE: 6  
 W--> 137 Xaa Asn Gly Tyr Ile Glu Trp Tyr Ser Trp Val Thr His Gly Met Tyr  
 138 1 5 10 15

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001

TIME: 15:29:11

Input Set : A:\Supratek.app

Output Set: C:\CRF3\05302001\I775743.raw

141 <210> SEQ ID NO: 7  
 142 <211> LENGTH: 16  
 143 <212> TYPE: PRT  
 144 <213> ORGANISM: Artificial Sequence  
 146 <220> FEATURE:  
 147 <221> NAME/KEY: SITE  
 148 <222> LOCATION: (2)..(3)  
 149 <223> OTHER INFORMATION: Xaa = any amino acid  
 151 <220> FEATURE:  
 152 <221> NAME/KEY: SITE  
 153 <222> LOCATION: (7)..(9)  
 154 <223> OTHER INFORMATION: Xaa = any amino acid  
 156 <220> FEATURE:  
 157 <221> NAME/KEY: SITE  
 158 <222> LOCATION: (11)..(15)  
 159 <223> OTHER INFORMATION: Xaa = any amino acid  
 161 <220> FEATURE:  
 162 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 163 chemical peptide synthesis and biosynthetic  
 164 including use of E. coli  
 166 <400> SEQUENCE: 7

W/✓ 167 Asn Xaa Xaa Glu Ile Glu Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Tyr  
 168 1 5 10 15

171 <210> SEQ ID NO: 8  
 172 <211> LENGTH: 16  
 173 <212> TYPE: PRT  
 174 <213> ORGANISM: Artificial Sequence  
 176 <220> FEATURE:  
 177 <221> NAME/KEY: SITE  
 178 <222> LOCATION: (1)  
 179 <223> OTHER INFORMATION: Xaa = Asn or Gln  
 181 <220> FEATURE:  
 182 <221> NAME/KEY: SITE  
 183 <222> LOCATION: (2)..(3)  
 184 <223> OTHER INFORMATION: Xaa = any amino acid  
 186 <220> FEATURE:  
 187 <221> NAME/KEY: SITE  
 188 <222> LOCATION: (4)  
 189 <223> OTHER INFORMATION: Xaa = negatively charged amino acid comprising of  
 190 Glu or Asp  
 192 <220> FEATURE:  
 193 <221> NAME/KEY: SITE  
 194 <222> LOCATION: (5)  
 195 <223> OTHER INFORMATION: Xaa = Ile, Leu, Val, or Met  
 197 <220> FEATURE:  
 198 <221> NAME/KEY: SITE  
 199 <222> LOCATION: (6)  
 200 <223> OTHER INFORMATION: Xaa = *negatively* charged amino acid comprising of  
 201 Glu or Asp

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001

TIME: 15:29:11

Input Set : A:\Supratek.app  
 Output Set: C:\CRF3\05302001\I775743.raw

203 <220> FEATURE:  
 204 <221> NAME/KEY: SITE  
 205 <222> LOCATION: (7)..(9)  
 206 <223> OTHER INFORMATION: Xaa = any amino acid  
 208 <220> FEATURE:  
 209 <221> NAME/KEY: SITE  
 210 <222> LOCATION: (10)  
 211 <223> OTHER INFORMATION: Xaa = aromatic amino acid comprising of Trp, Phe,  
 212 Tyr or His  
 214 <220> FEATURE:  
 215 <221> NAME/KEY: SITE  
 216 <222> LOCATION: (11)..(15)  
 217 <223> OTHER INFORMATION: Xaa = any amino acid  
 219 <220> FEATURE:  
 220 <221> NAME/KEY: SITE  
 221 <222> LOCATION: (16)  
 222 <223> OTHER INFORMATION: Xaa = aromatic amino acid comprising of Trp, Phe,  
 223 Tyr or His  
 225 <220> FEATURE:  
 226 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 227 chemical peptide synthesis and biosynthetic  
 228 including use of E. coli  
 230 <400> SEQUENCE: 8/  
 231 Xaa  
 232 1 5 10 15  
 235 <210> SEQ ID NO: 9  
 236 <211> LENGTH: 69  
 237 <212> TYPE: DNA  
 238 <213> ORGANISM: Artificial Sequence  
 240 <220> FEATURE:  
 241 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical  
 242 synthesis  
 244 <400> SEQUENCE: 9  
 245 gggccggtaa cgggtacgag atcgagtgg actcgtggg cacgcacggg atgtacggtg 60  
 246 gcgcgttctg 69  
 248 <210> SEQ ID NO: 10  
 249 <211> LENGTH: 69  
 250 <212> TYPE: DNA  
 251 <213> ORGANISM: Artificial Sequence  
 253 <220> FEATURE:  
 254 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical  
 255 synthesis  
 257 <400> SEQUENCE: 10  
 258 gggccggtcc ggagcccgag gtccgggtga gtccgcccggg tcatatccag tcgctcggtg 60  
 259 gcgcgttctg 69  
 261 <210> SEQ ID NO: 11  
 262 <211> LENGTH: 69  
 263 <212> TYPE: DNA  
 264 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001  
TIME: 15:29:11Input Set : A:\Supratek.app  
Output Set: C:\CRF3\05302001\I775743.raw

266 <220> FEATURE:  
267 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical  
268 synthesis  
270 <400> SEQUENCE: 11  
271 gggccggttt tgtggggggg tggttggttc cggaggacga gcggctctac ccggagggtg 60  
272 gcgcttctg 69  
274 <210> SEQ ID NO: 12  
275 <211> LENGTH: 10  
276 <212> TYPE: DNA  
277 <213> ORGANISM: Artificial Sequence  
279 <220> FEATURE:  
280 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical  
281 synthesis  
283 <400> SEQUENCE: 12  
284 aagcgccacc  
286 <210> SEQ ID NO: 13 10  
287 <211> LENGTH: 11  
288 <212> TYPE: DNA  
289 <213> ORGANISM: Artificial Sequence  
291 <220> FEATURE:  
292 <223> OTHER INFORMATION: Description of Artificial Sequence: chemical  
293 synthesis  
295 <400> SEQUENCE: 13  
296 accggccccg t

11

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/775,743

DATE: 05/30/2001  
TIME: 15:29:12

Input Set : A:\Supratek.app  
Output Set: C:\CRF3\05302001\I775743.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8